

CLAIMS

- 1 1. In a converged services platform, a media resources card comprising:
 - 2 a central processing unit (CPU) and an associated CPU cache memory;
 - 3 a plurality of digital signal processors (DSPs), each of which has an associated
 - 4 DSP cache memory, connected in communicating relationship with said CPU; and
 - 5 a network interface, connected in communicating relationship with said CPU,
 - 6 through which said media resources card may communicate with a file server;
 - 7 wherein said CPU and DSPs execute a caching algorithm in which a cached file
 - 8 may be assigned a persistence level attribute or a timer expiration attribute or both, said
 - 9 persistence level attribute for specifying how readily or not said cached file may be de-
 - 10 leted from one or more of said cache memories, said expiration time attribute for speci-
 - 11 fying a time period after which said cached file may be deleted from one or more of said
 - 12 cache memories.